

DAC-ANODE® WB

FOR REINFORCED CONCRETE CATHODIC PROTECTION

TECHNICAL DATA	
Generic Type	Single component water-based acrylic copolymer
Color	Black
Solids by Volume	40% ± 2%
Solids by Weight	54% ± 2%
V.O.C	103 grams/liter (0.86 lbs./gal.)
Mixing Ratio	Not applicable
Induction Time	Not applicable
Thinner	Not recommended
Clean Up	Water
Pot Life	Not applicable
Suggested Primer	Not applicable
Application Method	Brush, roller and spray
Recommended Thickness <i>With primary anode wire (platinum clad) at 10 mA/m² (0.93 mA/ft²) anode output and wire/wire spacing of:</i>	5m (16.4 ft) max: 750 microns wet – 300 microns DFT (30 mils wet – 12 mils DFT) 2.5m (8.2 ft) max: 500 microns wet – 200 microns DFT (20 mils wet – 8 mils DFT)
Theoretical Coverage	1.3 m ² /liter @ 300 microns DFT (52.9 ft ² /gal. @ 12 mils DFT)
Coverage (5% Loss)	1.2 m ² /liter @ 300 microns DFT (48.9 ft ² /gal. @ 12 mils DFT)
Drying Time @ 21°C (70°F)	Dry hard: 3 – 4 Hours / Recoat: 4 – 6 Hours
Specific Resistivity	< 0.8 OHM cm (hard)
Linear Resistance	<300 OHM: 7.6 cm x 1.8 m x 400 microns DFT (3 in x 5.9 ft x 16 mils DFT) <400 OHM: 7.6 cm x 1.8 m x 300 microns DFT (3 in x 5.9 ft x 16 mils DFT)
Packaging	3.78 & 18.9 liters (1 & 5 US gallons)
Shelf Life	Six (6) months in original unopened container

DESCRIPTION

DAC-Anode® WB is a single package, electrically conductive coating for application on properly prepared reinforced steel concrete structures. Intended for use as an impressed current cathodic protection system anode, DAC-Anode® is designed to distribute direct current to embedded reinforcing steel. Electrical connection to the DAC-Anode® WB coating is accomplished by means of small tri-metal platinum-clad wires embedded into the coating.

RECOMMENDED USES

Conductive coatings are ideal for cathodic protection of reinforcing steel in balconies, walkways, columns, suspended slabs, under decking, piers, piles, pile caps, sea walls, railings, bulk-heads, etc.

CHARACTERISTICS

- Low V.O.C water-based materials.
- One component material.
- Recommended DFT achievable in one coat.
- Easy to apply.
- Can be top coated with DAC-Anode® Overcoat, available in an array of colors to yield an aesthetically pleasing appearance.

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